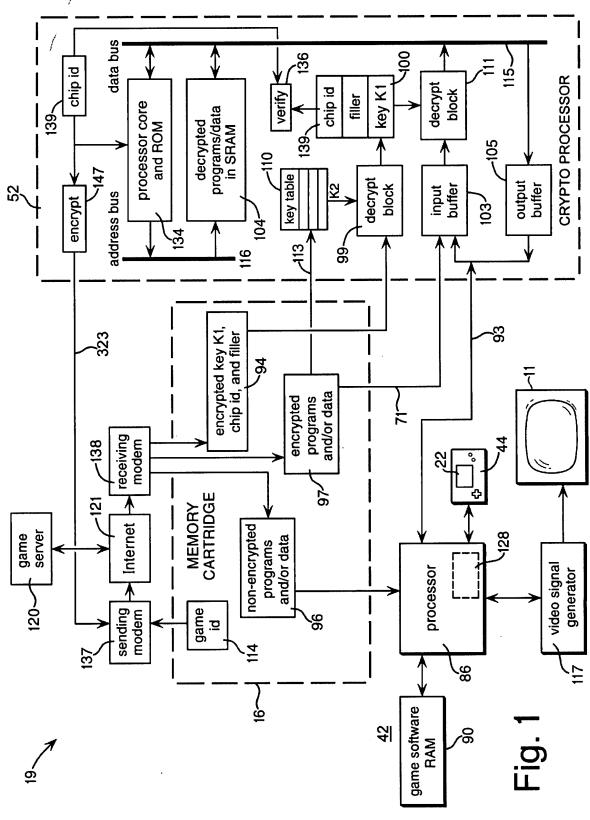


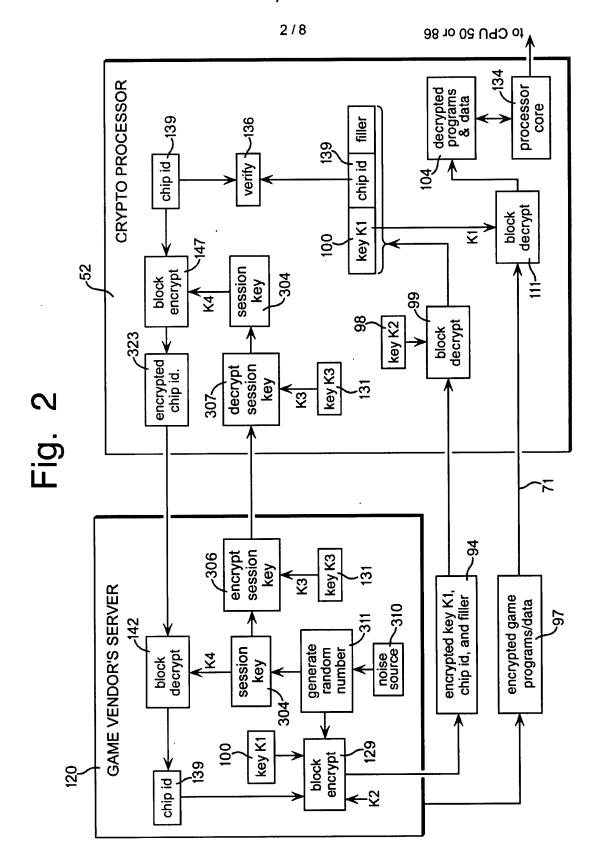
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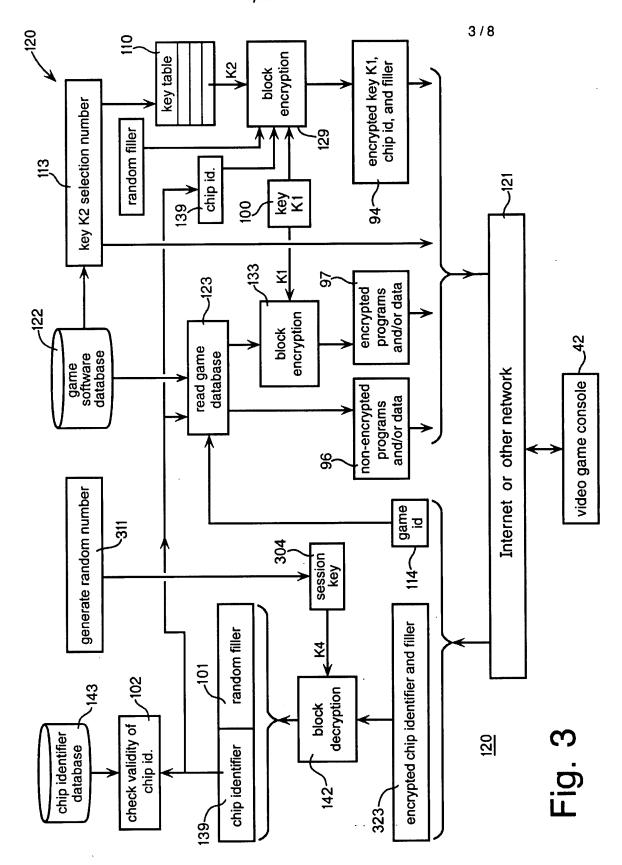
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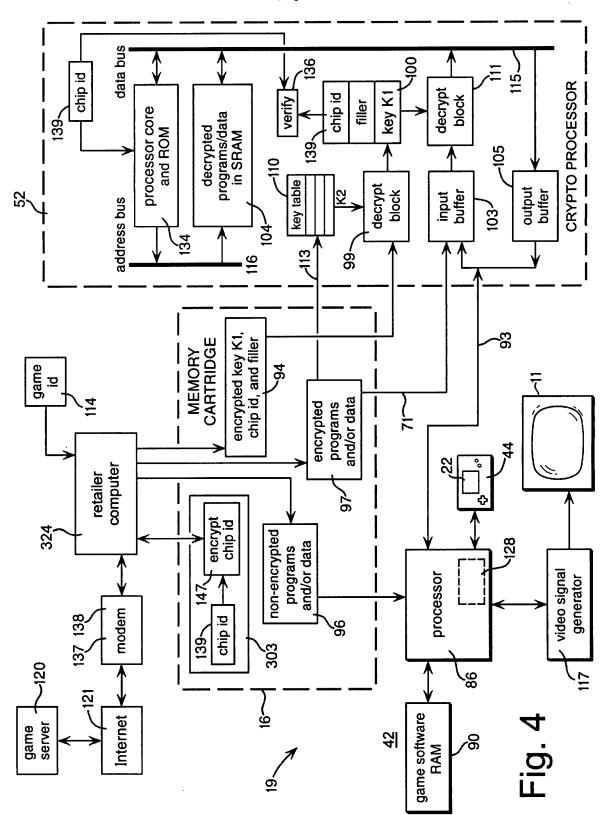


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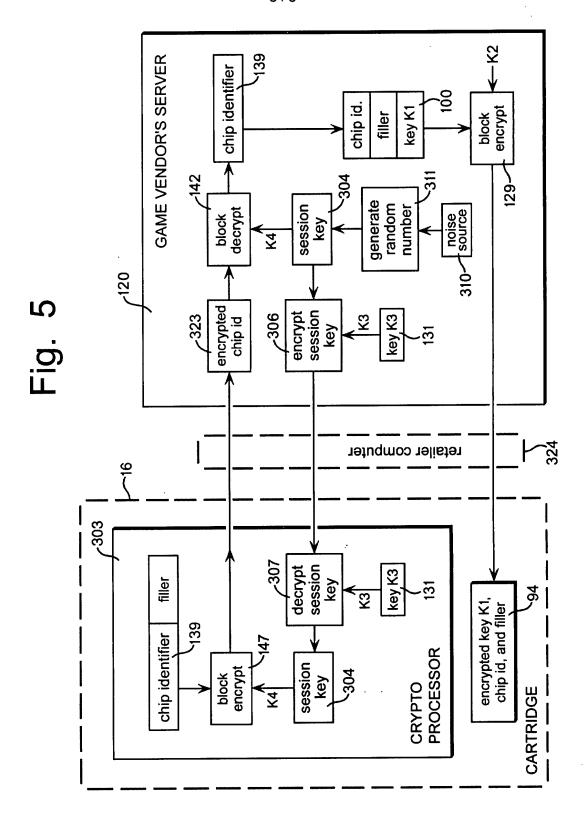
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## Fig. 6

in crypto processor 52

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-
program for encrypting/decrypting a block of data
program for loading RAM 104 with program and data
program for generating game data representing a player object
program for generating game data representing non-player objects
program for processing input control data from manual controls
program for verifying chip identifier
program for generating random numbers
program for communicating with crypto processor 303
program for selecting keys
program for determining validity of response time
program for loading and executing decrypted program
program for communicating with processor 86
program for generating locations and directions of objects

## Fig. 6a

in crypto processor 303

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program for encrypting/decrypting a block of data
program for processing key selection and find bits of a key
program for sending data to and from cartridge processor
program for locating key bits among decoy bits
program for responding to processor 52 with a rapid bit stream
encrypted key K1, game identifier, serial number
key K3 scattered among decoy bits

Fig. 7

#### Software in RAM

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program for loading RAM with program and data
program for generating image of 3D world
program for generating image of animated character
program for generating image of moving object
program for animating a character
data for animated characters in 3D world
data for objects in 3D world
data for music and sound effects
data for character descriptions (polygons, textures, etc)
data for terrain descriptions (polygons, textures, etc)
data for maps, word menus, etc.

# Fig. 7a

#### Downloaded software in RAM

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data placing specific characters and objects in new scenes	
data for branching story sequences	
data for word and picture menus	
data for rules of engagement	
data specifying object locations and orientations	
data specifying textures for selected objects	
data for transmission to and from handheld LCD control unit	
additional programs	
program patches	

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